

Patent Claims

1. Powder formulations consisting of
 - 5 • at least one agrochemical active compound,
 - at least one copolymer of styrene and acrylonitrile with an acrylonitrile content of between 20 and 40% by weight, and,
 - 10 • if appropriate, additivesand which have a particle diameter of under 125 μm .
- 15 2. Powder formulations according to Claim 1, characterized in that a copolymer of styrene and acrylonitrile with an acrylonitrile content of between 25 and 35% by weight is present.
- 20 3. Powder formulations according to Claim 1, characterized in that the agrochemical active compounds present are imidacloprid and/or carpropamid.
- 25 4. Powder formulations according to Claim 1, characterized in that
 - the content of agrochemical active compounds generally amounts to between 1 and 50% by weight,
 - the content of styrene/acrylonitrile copolymers amounts to between 50 and 99% by weight, and
 - 30 • the additive content amounts to between 0 and 30% by weight.

5. Process for the preparation of powder formulations as claimed in Claim 1, characterized in that a mixture of
- at least one agrochemical active compound,
 - at least one copolymer of styrene and acrylonitrile with an acrylonitrile content of between 20 and 40% by weight, and,
 - if appropriate, additives
- is homogenized at temperatures of between 120°C and 230°C in the melt and the mixture is comminuted after cooling in such a way as to obtain a powder in which the particles have a diameter under 125 μm .
6. The use of powder formulations according to Claim 1 for applying the agrochemical active compounds present to plants and/or their environment.
7. Process for the preparation of plant treatment compositions, characterized in that powder formulations according to Claim 1 are mixed with extenders and/or surfactants.
8. Plant treatment composition, characterized in that it contains a powder formulation according to Claim 1 in addition to extenders and/or surfactants.